

| Ref # | Hits  | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------------------|------------------|---------|------------------|
| S1    | 400   | processor and memory and mutual adj authentication                 | US-PGPUB; USPAT        | OR               | ON      | 2004/11/22 14:42 |
| S2    | 173   | (713/167).CCLS.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2004/12/01 12:03 |
| S3    | 5     | S1 and S2  | US-PGPUB; USPAT        | OR               | ON      | 2004/11/22 14:44 |
| S4    | 16    | mutual adj authentication same memory same processor               | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 17:15 |
| S5    | 17    | mutual\$4 adj authenticat\$4 same memory same processor            | US-PGPUB; USPAT        | OR               | ON      | 2004/11/22 14:54 |
| S6    | 8     | S2 and mutual adj authentication                                   | US-PGPUB; USPAT        | OR               | ON      | 2004/11/22 15:14 |
| S7    | 0     | 11-149893.pn.  | JPO; DERWENT           | OR               | ON      | 2004/11/22 15:07 |
| S8    | 2     | "11149893".pn.   | JPO; DERWENT           | OR               | ON      | 2004/11/22 15:08 |
| S9    | 4     | "11149893".pn. "11236724".pn.<br>"11372604".pn.                    | JPO; DERWENT           | OR               | ON      | 2004/11/22 15:08 |
| S10   | 1     | "5748196".PN.  | USPAT; USOCR           | OR               | ON      | 2004/11/22 15:11 |
| S11   | 1     | "5815201".PN.  | USPAT; USOCR           | OR               | ON      | 2004/11/22 15:12 |
| S12   | 1     | "5892975".PN.  | USPAT; USOCR           | OR               | ON      | 2004/11/22 15:12 |
| S13   | 1     | "5920477".PN.  | USPAT; USOCR           | OR               | ON      | 2004/11/22 15:12 |
| S14   | 4     | "0802688".pn. "0840506".pn.<br>"2300286".pn.                       | EPO; DERWENT           | OR               | ON      | 2004/11/22 15:15 |
| S15   | 87    | S1 and reproduc\$6   | US-PGPUB; USPAT        | OR               | ON      | 2004/11/22 16:10 |
| S16   | 22135 | sony.as.   | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 13:14 |
| S17   | 97    | sony.as. and @ad<"20000701" and authentication                     | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 13:22 |
| S18   | 10    | sony.as. and @ad<"20000701" and mutual adj authentication          | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 16:47 |
| S19   | 5     | mutual adj authentication and memory adj device near3 authentic\$6 | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 13:40 |
| S20   | 14    | memory adj device same mutual adj authentica\$8                    | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 13:41 |
| S21   | 205   | memory adj card and mutual adj authentication                      | US-PGPUB; USPAT        | OR               | ON      | 2004/11/23 13:55 |

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|-----|-------|---|------------------------|----|-----|------------------|
| S22 | 34    | memory adj card and mutual adj authentication and @ad<"20000701"                            | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 14:10 |
| S25 | 0     | (backup or back adj up) near3 mutual adj authentication                                     | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 14:16 |
| S26 | 1     | "5396614".pn.   | US-PGPUB; USPAT        | OR | ON  | 2004/12/01 18:19 |
| S28 | 0     | "0107448".pn.   | EPO; DERWENT           | OR | ON  | 2004/11/23 15:26 |
| S29 | 14053 | honeywell.as.   | EPO; DERWENT           | OR | ON  | 2004/11/23 15:26 |
| S30 | 15    | honeywell.as. and @pd="19840502"  | EPO; DERWENT           | OR | ON  | 2004/11/23 15:27 |
| S31 | 698   | memory adj (device or object or card) same authentication                                   | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 15:54 |
| S33 | 214   | memory adj (device or object or card) same authentication and @ad<"20000701"                | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 15:56 |
| S34 | 11    | memory adj (device or object or card) same mutual\$4 adj authentication and @ad<"20000701"  | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 15:56 |
| S35 | 18    | memory adj (device or object or card) same mutual\$4 adj authentic\$6 and @ad<"20000701"    | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:24 |
| S36 | 174   | (713/167).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 16:02 |
| S37 | 90    | 713/167.ccls. and authentication  | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:02 |
| S38 | 69    | 713/167.ccls. and authentication and @ad<"20000701"   | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:02 |
| S39 | 1     | "4,612,413".pn.   | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:24 |
| S40 | 1522  | probe near3 memory card same mutual adj authentication                                      | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:47 |
| S41 | 0     | probe near3 memory adj card same mutual adj authentication                                  | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:47 |
| S42 | 0     | probe near3 memory adj card and mutual adj authentication                                   | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:48 |
| S43 | 1     | (probe or interrogate or query or test) near3 memory adj card and mutual adj authentication | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:48 |
| S44 | 33    | check near3 memory adj card and authentication  | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:54 |
| S45 | 71    | type near memory adj card and authentication  | US-PGPUB; USPAT        | OR | ON  | 2004/11/23 16:55 |

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| S46 | 20   | type near memory adj card and mutual adj authentication   | US-PGPUB; USPAT | OR | ON | 2004/11/23 16:56 |
| S47 | 5    | hierarchical adj key adj tree adj structure   | US-PGPUB; USPAT | OR | ON | 2004/11/29 12:38 |
| S48 | 130  | key adj tree  | US-PGPUB; USPAT | OR | ON | 2004/11/29 12:39 |
| S50 | 66   | key adj tree and @ad<"20000701"   | US-PGPUB; USPAT | OR | ON | 2004/11/29 12:40 |
| S51 | 7    | key adj tree and @ad<"20000701" and (encipher or encrypt\$6 or crypt\$8)  | US-PGPUB; USPAT | OR | ON | 2004/11/29 13:58 |
| S52 | 36   | enabling adj key adj block  | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:40 |
| S53 | 49   | key near3 tree and (encipher or encrypt\$6 or crypt\$8) and memory adj (card or device)                             | US-PGPUB; USPAT | OR | ON | 2004/11/29 14:30 |
| S54 | 31   | (enabling adj key adj block or EKB) and key near3 tree and (encipher or encrypt\$6 or crypto\$8)                    | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:15 |
| S55 | 0    | (enabling adj key adj block or EKB) and key near3 tree and (encipher or encrypt\$6 or crypto\$8) and @ad<"20000701" | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:40 |
| S56 | 0    | (enabling adj key adj block or EKB) and key near3 tree and @ad<"20000701"   | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:16 |
| S57 | 27   | (enabling adj key adj block or EKB) and @ad<"20000701"  | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:16 |
| S58 | 1679 | key adj block   | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:40 |
| S59 | 3    | key adj block and key near3 tree and (encipher or encrypt\$6 or crypto\$8) and @ad<"20000701"                       | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:41 |
| S60 | 0    | key adj table and key near3 tree and (encipher or encrypt\$6 or crypto\$8) and @ad<"20000701"                       | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:41 |
| S61 | 95   | key adj (block or table) and tree and (encipher or encrypt\$6 or crypto\$8) and @ad<"20000701"                      | US-PGPUB; USPAT | OR | ON | 2004/11/29 15:41 |
| S62 | 4    | mutual adj authentication same virtual adj memory   | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:33 |
| S63 | 33   | authentication same virtual adj memory  | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:36 |
| S64 | 1888 | sony.as. and @ay="1999"   | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:37 |
| S65 | 26   | sony.as. and @ay="1999" and authentication  | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:37 |

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| S66 | 12  | sony.as. and @ay="1999" and virtual adj memory                       | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:37 |
| S67 | 0   | sony.as. and @ay="1999" and virtual adj memory and authentic\$6      | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:38 |
| S68 | 0   | sony.as. and @ay<"1999" and virtual adj memory and authentic\$6      | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:38 |
| S69 | 2   | sony.as. and @ay<"1999" and mutual adj authentic\$6                  | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:38 |
| S70 | 15  | sony.as. and @ad<"20000701" and mutual adj authentic\$6              | US-PGPUB; USPAT | OR | ON | 2004/11/30 10:46 |
| S71 | 234 | authentic\$6 and virtual adj memory and @ad<"20000701"               | US-PGPUB; USPAT | OR | ON | 2004/11/30 12:31 |
| S72 | 378 | authentic\$6 and memory adj within and @ad<"20000701"                | US-PGPUB; USPAT | OR | ON | 2004/11/30 12:33 |
| S73 | 4   | mutual\$4 adj authentic\$6 and memory adj within and @ad<"20000701"  | US-PGPUB; USPAT | OR | ON | 2004/11/30 12:32 |
| S74 | 4   | mutual\$4 near authentic\$6 and memory adj within and @ad<"20000701" | US-PGPUB; USPAT | OR | ON | 2004/11/30 12:32 |
| S75 | 52  | authentic\$6 same memory adj within and @ad<"20000701"               | US-PGPUB; USPAT | OR | ON | 2004/11/30 13:23 |
| S76 | 22  | authentic\$6 same proxy same memory and @ad<"20000701"               | US-PGPUB; USPAT | OR | ON | 2004/11/30 14:01 |
| S77 | 401 | authentic\$6 same proxy and @ad<"20000701"                           | US-PGPUB; USPAT | OR | ON | 2004/11/30 14:20 |
| S78 | 3   | authentic\$6 same proxy and @ad<"20000701" and sony.as.              | US-PGPUB; USPAT | OR | ON | 2004/11/30 14:01 |
| S79 | 3   | authentic\$6 near mutual\$4 same proxy and @ad<"20000701"            | US-PGPUB; USPAT | OR | ON | 2004/11/30 14:03 |
| S80 | 2   | authentic\$6 same proxy near within and @ad<"20000701"               | US-PGPUB; USPAT | OR | ON | 2004/11/30 14:20 |
| S81 | 1   | "5,602,918".pn.  | US-PGPUB; USPAT | OR | ON | 2004/11/30 15:34 |
| S82 | 0   | authentic\$6 and proxy adj emulat\$5 and @ad<"20000701"              | US-PGPUB; USPAT | OR | ON | 2004/11/30 15:55 |
| S83 | 3   | authentic\$6 and proxy near2 emulat\$5 and @ad<"20000701"            | US-PGPUB; USPAT | OR | ON | 2004/11/30 15:56 |
| S84 | 4   | authentic\$6 and proxy near2 simulat\$5 and @ad<"20000701"           | US-PGPUB; USPAT | OR | ON | 2004/11/30 15:56 |
| S85 | 168 | key adj block and authentic\$6 and @ad<"20000701"                    | US-PGPUB; USPAT | OR | ON | 2004/11/30 16:24 |
| S86 | 241 | (disc or disk) same authentic\$6 same memory and @ad<"20000701"      | US-PGPUB; USPAT | OR | ON | 2004/11/30 16:40 |

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| S87  | 0    | (disc or disk) same authentic\$6 same virtual near memory and @ad<"20000701"                | US-PGPUB; USPAT            | OR | ON  | 2004/11/30 16:37 |      |
| S88  | 5    | (disc or disk) same authentic\$6 same virtual same memory and @ad<"20000701"                | US-PGPUB; USPAT            | OR | ON  | 2004/11/30 16:37 |      |
| S89  | 8    | (disc or disk) same mutual\$4 near authentic\$6 same memory and @ad<"20000701"              | US-PGPUB; USPAT            | OR | ON  | 2004/11/30 17:22 | KWIC |
| S90  | 0    | 11-119441.pn.   | JPO; DERWENT               | OR | ON  | 2004/11/30 17:23 |      |
| S91  | 1    | "11119441".pn.  | JPO; DERWENT               | OR | ON  | 2004/11/30 17:23 |      |
| S92  | 48   | mutual adj authentication adj (controller or CPU or processor or device)                    | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 10:52 |      |
| S93  | 2    | mutual adj authentication adj (controller or CPU or processor or device) and @ad<"20000701" | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 11:04 |      |
| S94  | 0    | (processor or controller or CPU) adj mutually adj authentic\$6                              | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 11:05 |      |
| S95  | 0    | single adj device near3 mutual adj authentication   | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:02 |      |
| S96  | 0    | single adj device same mutual adj authentication  | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:02 |      |
| S97  | 175  | (713/167).CCLS.   | US-PGPUB; USPAT; USOCR     | OR | OFF | 2004/12/01 12:03 |      |
| S98  | 146  | S97 and (card or device)  | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:04 |      |
| S99  | 81   | S97 and card  | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:04 |      |
| S100 | 23   | S97 and memory adj card   | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:46 | KWIC |
| S101 | 2831 | memory adj card and authentic\$6 NOT mutual   | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 12:46 |      |
| S103 | 79   | memory adj card near3 authentic\$6 NOT mutual   | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 13:31 | KWIC |
| S104 | 319  | proxy and memory adj card and authentication  | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 13:31 |      |
| S105 | 15   | proxy and memory adj card and mutual\$4 near authentic\$6                                   | US-PGPUB; USPAT            | OR | ON  | 2004/12/01 14:03 |      |
| S106 | 3    | sony.as. and mutual adj authentication and data adj processing adj system                   | EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2004/12/01 14:08 | KWIC |

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| S10<br>7 | 6   | "1176757".pn.  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/12/01 14:05 |
| S10<br>8 | 1   | "1176757".pn.  | EPO                              | OR | ON  | 2004/12/01 14:05 |
| S10<br>9 | 4   | sony.as. and mutual adj<br>authentication and data adj<br>processing adj system                                  | US-PGPUB;<br>USPAT;<br>USOCR     | OR | ON  | 2004/12/01 14:46 |
| S11<br>1 | 815 | (703/23-25).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR     | OR | OFF | 2004/12/01 15:44 |
| S11<br>2 | 19  | S111 and authentic\$6  | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 14:48 |
| S11<br>3 | 577 | (700/94).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR     | OR | OFF | 2004/12/01 15:44 |
| S11<br>5 | 16  | S113 and authentic\$6  | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:10 |
| S11<br>6 | 74  | S113 and (emulat\$4 or simulat\$4)   | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:10 |
| S11<br>7 | 39  | S113 and (emulat\$4 or simulat\$4)<br>and card   | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:32 |
| S11<br>8 | 754 | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"   | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:32 |
| S11<br>9 | 403 | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"<br>and (audio or picture)                           | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:33 |
| S12<br>0 | 4   | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"<br>and (audio or picture) and<br>authentic\$6       | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:33 |
| S12<br>1 | 5   | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"<br>and authentic\$6                                 | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:35 |
| S12<br>2 | 6   | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"<br>and (authentic\$6 or crypto\$8)                  | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:35 |
| S12<br>3 | 15  | sony.as. and (emulat\$4 or<br>simulat\$4) and @ad<"20000701"<br>and (authentic\$6 or crypto\$8 or<br>encrypt\$6) | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/01 16:35 |
| S12<br>6 | 0   | (old\$4 or obsolete) adj memory adj<br>(stick or card) and authentication  | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/02 10:19 |
| S12<br>7 | 1   | (old\$4 or obsolete) adj memory adj<br>(stick or card)   | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/02 10:20 |
| S12<br>8 | 0   | (old\$4 or obsolete) near3 memory<br>adj (stick or card) and authentic\$6  | US-PGPUB;<br>USPAT               | OR | ON  | 2004/12/02 10:20 |

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| S12<br>9 | 2805 | memory adj stick  | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:21 |
| S13<br>0 | 126  | memory adj stick and sony.as.   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:21 |
| S13<br>1 | 16   | memory adj stick and sony.as. and @ad<"20000701"  | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:30 |
| S13<br>2 | 2    | memory adj stick and sony.as. and @ad<"20000701" and (authentic\$6 or crypto\$8 or encrypt\$4)                        | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:22 |
| S13<br>3 | 123  | mutual adj identification   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:30 |
| S13<br>4 | 67   | mutual adj identification and @ad<"20000701"  | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 10:30 |
| S13<br>5 | 0    | (encipher or encrypt) adj renewal adj key   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 13:55 |
| S13<br>6 | 1    | (encipher\$4 or encrypt\$6) adj renewal adj key   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 13:56 |
| S13<br>7 | 15   | (encipher\$4 or encrypt\$6) same renewal adj key  | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/02 13:56 |
| S14<br>6 | 18   | magicgate or openmg   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 12:41 |
| S14<br>8 | 453  | (memorystick or memory adj stick or magicgate or magic adj gate) and authentication                                   | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 12:42 |
| S14<br>9 | 43   | (memorystick or memory adj stick or magicgate or magic adj gate) and mutual\$4 near authentication                    | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 12:44 |
| S15<br>0 | 1    | (memorystick or memory adj stick or magicgate or magic adj gate) and mutual\$4 near authentication and @ad<"20010101" | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 12:43 |
| S15<br>1 | 562  | (memorystick or memory adj stick or magicgate or magic adj gate) and virtual  | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 12:44 |
| S15<br>2 | 51   | (memorystick or memory adj stick or magicgate or magic adj gate) and virtual adj memory                               | US-PGPUB;<br>USPAT                         | OR | ON | 2004/12/13 13:08 |
| S15<br>3 | 7    | "Reliability in Virtual Memories"   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/13 13:08 |
| S15<br>4 | 0    | "Reliability in Virtual Memories"   | DERWENT;<br>IBM_TDB                        | OR | ON | 2004/12/13 13:08 |
| S15<br>5 | 11   | Reliability same Virtual adj Memories   | DERWENT;<br>IBM_TDB                        | OR | ON | 2004/12/13 13:09 |
| S15<br>6 | 4    | Reliability same Virtual adj Memories   | IBM_TDB                                    | OR | ON | 2004/12/13 13:10 |

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| S15<br>7 | 0   | mutual\$4 near authentication same virtual adj memory                   | IBM_TDB            | OR | ON | 2004/12/13 13:10 |
| S15<br>8 | 0   | mutual\$4 near3 authentication same virtual adj memory                  | IBM_TDB            | OR | ON | 2004/12/13 13:10 |
| S15<br>9 | 4   | mutual\$4 near3 authentication same virtual adj memory                  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 13:16 |
| S16<br>0 | 122 | EKB or enabling adj key adj block                                       | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 13:16 |
| S16<br>1 | 37  | enabling adj key adj block  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 13:17 |
| S16<br>2 | 1   | enabling adj key adj block and @ad<"20010701"                           | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 13:58 |
| S16<br>4 | 445 | virtual adj memory and authentication                                   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 13:58 |
| S16<br>5 | 13  | virtual adj memory and mutual\$4 near authentication                    | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 14:10 |
| S16<br>6 | 4   | (emulat\$6 or simulat\$6) same memory and mutual\$4 near authentication | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 14:12 |
| S16<br>7 | 139 | proxy and mutual\$4 near authentication                                 | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 14:12 |
| S16<br>8 | 26  | proxy same mutual\$4 near authentication                                | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:31 |
| S16<br>9 | 262 | SDMI or "secure digital music initiative"                               | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:32 |
| S17<br>0 | 166 | "secure digital music initiative"                                       | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:32 |
| S17<br>1 | 22  | "secure digital music initiative" and @ad<"20010101"                    | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:32 |
| S17<br>2 | 11  | "secure digital music initiative" and @ad<"20010101" and authentic\$6   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:52 |
| S17<br>3 | 135 | DTCP  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:47 |
| S17<br>4 | 15  | DTCP and @ad<"20010101"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:47 |
| S17<br>5 | 5   | "secure digital music initiative" and @ad<"20010101" and virtual        | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 15:52 |
| S17<br>6 | 15  | mutual\$4 near authentic\$6 and virtual adj memory                      | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 16:05 |
| S17<br>7 | 5   | mutual\$4 near authentic\$6 and virtual adj memory and @ad<"20010101"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 16:15 |
| S17<br>8 | 0   | virtual adj memory adj authenticat\$6                                   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/13 16:15 |
| S17<br>9 | 4   | authenticat\$6 near virtual adj memory                                  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 14:28 |

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|          |    |  |                                 |    |    |                  |
|----------|----|--|---------------------------------|----|----|------------------|
| S18<br>0 | 62 | mutual\$4 near authenticat\$6 and<br>copyright and (obsolete or old)   | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/13 16:17 |
| S18<br>1 | 13 | mutual\$4 near authenticat\$6 and<br>copyright and (obsolete or old) and<br>@ad<"20010101"                   | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/13 16:21 |
| S18<br>2 | 0  | mutual\$4 near authenticat\$6 near<br>unable and copyright and<br>@ad<"20010101"                             | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/13 16:26 |
| S18<br>3 | 6  | "2000113587" "6522607"<br>"0994475" "11187013" "19511298"<br>"6049878".pn.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/12/13 16:33 |
| S18<br>4 | 0  | mutual near recognition and virtual<br>adj memory  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/12/13 16:33 |
| S18<br>5 | 5  | mutual near identification and<br>virtual adj memory   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/12/13 16:35 |
| S18<br>6 | 4  | "2285872" "1256459" "69900178"<br>"69900178" "0994475" "3380194"<br>"2000307567" "2000029092"<br>"77270".pn. | EPO; JPO                        | OR | ON | 2004/12/13 16:39 |
| S18<br>7 | 1  | "2000113687".pn.   | EPO; JPO                        | OR | ON | 2004/12/13 16:39 |
| S18<br>8 | 0  | "2000113687".pn.   | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/13 16:41 |
| S18<br>9 | 1  | "6522607".pn.  | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/13 16:41 |
| S19<br>1 | 37 | enabling adj key adj block   | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/14 14:08 |
| S19<br>2 | 29 | key adj renewal adj block  | US-PGPUB;<br>USPAT              | OR | ON | 2004/12/14 14:30 |
| S19<br>3 | 1  | "1221782".pn.  | EPO                             | OR | ON | 2004/12/14 16:41 |
| S19<br>4 | 0  | "2000186172"   | EPO                             | OR | ON | 2004/12/14 14:32 |
| S19<br>5 | 4  | "2000186172".pn. "2000186173".<br>pn.  | JPO;<br>DERWENT                 | OR | ON | 2004/12/14 14:40 |
| S20<br>3 | 1  | "2002164034"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/12/14 14:38 |
| S20<br>4 | 1  | "2002164034".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2004/12/14 14:38 |
| S20<br>5 | 2  | "2000222123".pn.   | JPO;<br>DERWENT                 | OR | ON | 2004/12/14 14:41 |
| S20<br>6 | 2  | "2000247463".pn.   | JPO;<br>DERWENT                 | OR | ON | 2004/12/14 14:41 |

|          |       |  |                    |    |    |                  |      |
|----------|-------|--|--------------------|----|----|------------------|------|
| S20<br>7 | 4     | magicgate and license\$4   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:32 | KWIC |
| S20<br>8 | 9     | magicgate  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:32 | KWIC |
| S20<br>9 | 204   | memory adj stick and license\$4  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:33 |      |
| S21<br>0 | 10    | memory adj stick and license\$4 and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:35 |      |
| S21<br>1 | 48    | sony.as. and license and @ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:37 |      |
| S21<br>2 | 0     | sony.as. and proper\$4 near2 license and @ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:37 |      |
| S21<br>3 | 2     | sony.as. and correct\$4 near2 license and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 15:42 |      |
| S21<br>4 | 70    | proper\$4 near2 license and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 16:13 | KWIC |
| S21<br>5 | 13    | proper\$4 near2 license same key and @ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 16:14 |      |
| S21<br>6 | 22406 | asano.in.  | JPO;<br>DERWENT    | OR | ON | 2004/12/14 16:42 |      |
| S21<br>7 | 628   | asano.in. and sony.as.   | JPO;<br>DERWENT    | OR | ON | 2004/12/14 16:42 |      |
| S21<br>8 | 385   | asano.in. and sony.as. and device  | JPO;<br>DERWENT    | OR | ON | 2004/12/14 16:42 |      |
| S21<br>9 | 304   | asano.in. and sony.as. and device  | JPO                | OR | ON | 2004/12/14 16:42 |      |
| S22<br>0 | 21    | license same revoke and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 17:40 | KWIC |
| S22<br>1 | 49    | license same tree and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 17:40 |      |
| S22<br>2 | 10    | key same license same tree and @ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 17:41 |      |
| S22<br>3 | 103   | key same license same block and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 17:41 |      |
| S22<br>4 | 21    | key near2 block same license and @ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 17:50 | KWIC |
| S22<br>5 | 21    | (license same (authoriz\$6 or authentic\$6 or correct\$4 or proper\$4)) and (license same revoke) and @ad<"20000701" | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:04 |      |
| S22<br>6 | 8     | (license with (authoriz\$6 or authentic\$6 or correct\$4 or proper\$4)) and (license with revoke) and @ad<"20000701" | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:01 |      |
| S22<br>7 | 2     | ("not" or devoid or bad) near2 license and @ad<"20010701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:03 |      |

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|----------|-----|---|--------------------|----|----|------------------|
| S22<br>8 | 188 | need near2 license and<br>@ad<"20010701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:03 |
| S22<br>9 | 3   | need near2 license and<br>@ad<"20010701" and revoke   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:03 |
| S23<br>0 | 10  | (license same proper\$4) and<br>(license same revoke) and<br>@ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:05 |
| S23<br>1 | 623 | (license same proper\$4) and<br>@ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:06 |
| S23<br>2 | 70  | (license near2 proper\$4) and<br>@ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:06 |
| S23<br>3 | 57  | (license near2 proper\$4) and<br>@ad<"20000701" NOT license adj<br>plate  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:06 |
| S23<br>4 | 409 | license same (encrypt\$4 or<br>decrypt\$4) and @ad<"20000701"   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:18 |
| S23<br>5 | 2   | revoke same license same<br>(encrypt\$4 or decrypt\$4) and<br>@ad<"20000701"  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:18 |
| S23<br>6 | 186 | (proper\$4 or correct\$4 or<br>authoriz\$6 or authentic\$6) same<br>license same (encrypt\$4 or<br>decrypt\$4) and @ad<"20000701" | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:19 |
| S23<br>7 | 77  | (proper\$4 or correct\$4) same<br>license same (encrypt\$4 or<br>decrypt\$4) and @ad<"20000701"                                   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:19 |
| S23<br>8 | 110 | (proper\$4 or correct\$4 or<br>authoriz\$6 or authentic\$6) with<br>license same (encrypt\$4 or<br>decrypt\$4) and @ad<"20000701" | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:22 |
| S24<br>0 | 48  | (proper\$4 or correct\$4 or<br>authoriz\$6 or authentic\$6) with<br>license same decrypt\$4 and<br>@ad<"20000701"                 | US-PGPUB;<br>USPAT | OR | ON | 2004/12/14 18:22 |
| S24<br>3 | 1   | lin.in. and controlled adj proxy  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/16 11:13 |
| S24<br>6 | 3   | "5396614".pn. "6522607".pn.<br>"6049878".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2004/12/16 13:30 |

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